

Claim 4 (amended). The process as claimed in [any of claims 1 to 3] claim 1, wherein upstream of the mixer there are further containers for catalysts, plasticizers, dyes and other additives, which [may be] optionally are introduced and added.

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Claim 5 (amended). The process as claimed in [any of claims 1 to 4] claim 1, wherein polyurethane composition is applied to the first backing material coated with a pressure-sensitive adhesive composition, said application taking place in such a way that the polyurethane composition is present on the pressure-sensitive adhesive composition.

Claim 6 (amended). The process as claimed in [any of claims 1 to 5] claim 2, wherein the first or second backing material used comprises a dehesive media[, such as a release paper or a release film or paper, woven, nonwoven, film, or an elastomer].

Claim 7 (amended). A single- or double-sided self-adhesive tape obtained by a process as claimed in [one or more of the preceding claims] claim 1.

[Please add the following:]

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Claim 8. The process of claim 6 wherein said dehesive media is selected from the group consisting of release paper, release film, a woven, a nonwoven, film or an elastomer.